SECUREKI®

OTP & RADIUS Identity Security Server (ORISS)

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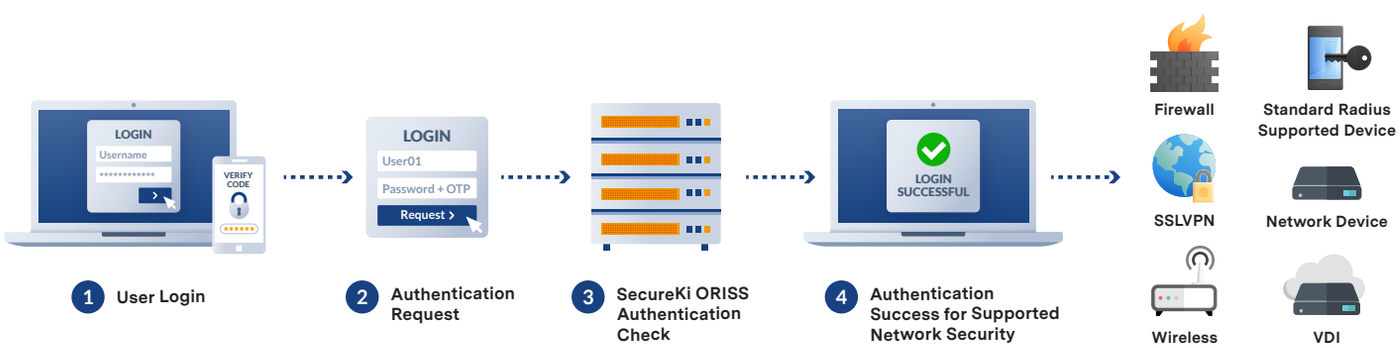
The weakest link: Your identity

Today's most significant cybersecurity risk and challenges are the mismanagement of user identities, especially when it comes to passwords. With many organizations and enterprises today relying on outside contractors and third-party service vendors in managing their critical IT infrastructures more than ever, as with the many different network security used in an organization, shared privileged account passwords are inevitable. Moreover, businesses and organizations alike are sharing their passwords among employees and outside vendors without any authentication in excel spreadsheets. Sounds familiar?

Introducing ORISS

ORISS (OTP & RADIUS Identity Security Server) offers the integrated OTP (One Time Password) authentication and RADIUS authentication capabilities in a single solution, eliminating shared password risks with authentication. With the additional built-in multifactor authentication capability such as biometric authentication, ORISS provides the solution without modification to the standard RADIUS supported equipment with identity-based secure access – allowing authorized users to securely access privileged accounts of their network security with just a tap of a finger.



1 User Login

2 Authentication Request

3 SecureKi ORISS Authentication Check

4 Authentication Success for Supported Network Security

ORISS supports all devices with RADIUS protocol such as network devices, firewalls, SSL VPN, VMware Horizon, and other VDI applications to provide you seamless and secure access without needing to worry about account compromises again.

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Key Features

Authenticated access

Built-in Multifactor authentication engine to provide OTP, FIDO, and Face ID authentication by using the mobile application to eliminate risks and secure authentication access without impacting or modifying the standard RADIUS supported equipment or configuration.

Fully encrypted

User's passwords are sent and stored in an encrypted format between the client and ORISS to prevent the possibility of information sniffing over an unsecured network. Transactions between the client and ORISS are also authenticated through the use of a shared secret key that is never sent over the network.

Comprehensive support and integration

ORISS can integrate with external identity and policy databases, including Microsoft Active Directory and Lightweight Directory Access Protocol (LDAP) accessible databases, simplifying policy configuration and maintenance.

Ease of user management

ORISS comes with a built-in Web Management GUI with intuitive navigation and workflow, providing full visibility with advanced monitoring, reporting, and troubleshooting capabilities with a system health dashboard with CPU, Memory, and Disk database utilization.

Other Features

- **Support RADIUS protocol**
- **Support High Availability fail-over without an external load balancer**
- **Support local user repository for user authentication**
- **System audit log provided**
- **Active-Passive HA mode is supported out-of-the-box feature without L4 switch**
- **Able to assign user group to the client for user authentication**
- **Able to authenticate through a user database to find the user whose username matches the request if the client is valid**
- **Able to receive user connection requests, authenticating the user, and then returning all configuration information necessary for the client to deliver service to the user**
- **User authentication log provided**
- **Able to create user groups, and download user accounts from MS Active Directory**
- **Support bulk upload of User ID and password to the local user repository**
- **ORISS silently discard the request from the client which does not have a shared secret**
- **Integrated Mobile MFA application running on Android and iOS**

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